



Diversified Technologies' New PowerMod™ Solid-State DC Circuit Breaker Assures Safe MVDC Power Systems Operation

DTI's PowerMod™ Solid-State DC Circuit Breaker takes power off of the load and then closes for reuse to let MVDC power systems operate safely.

Bedford, MA ([PRWEB](#)) September 20, 2017 -- [Diversified Technologies, Inc.](#) has introduced a new compact solid-state MVDC circuit breaker that safely interrupts full load currents in sub-microseconds and then closes for reuse.

[DTI's PowerMod™ Solid-State DC Circuit Breaker](#) takes power off of the load and then closes for reuse to enable MVDC power systems to operate safely. Featuring sub-microsecond opening and closing times, this compact MVDC circuit breaker prevents the fault energy from reaching damaging levels and provides multi-kHz switching for continuous controlled power applications from 1 to 50 kVDC.

Exhibiting > 99.7% switching efficiency and ~30 years MTBF, [DTI's PowerMod™ Solid-State DC Circuit Breakers](#) support micro-grid alternative sources and storage systems, including wind- and solar-power, battery storage, and flywheels, with various voltages, frequencies, and power levels. Comprised of two 4.5 kV IGBT's in series, each breaker measures 16"W x 8"D x 6"H.

DTI PowerMod™ Solid-State DC Circuit Breakers are priced from \$9,995.00 and provide > 1 million hours predicted reliability per MIL-HDBK-217F.

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